ALIBI™ ALI-NVR3004P, ALI-NVR3008P Embedded Network Video Recorder Quick Setup Guide

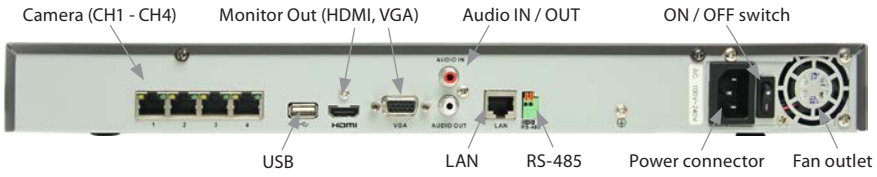
This quick setup guide provides instructions to initially setup and use your new network video recorder. For additional information on the extensive capabilities of your NVR, refer to the ***ALI-NVR3004P, ALI-NVR3008P Embedded Network Video Recorder User Manual*** provided on CD with your system.

NVR Front Panel

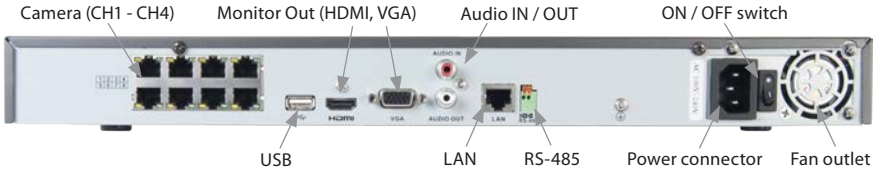
ALI-NVR3000P series NVR front panel

Item	Usage
LED indicators	**Power**: The POWER indicator turns green when NVR is powered on.
	Status: 1. The light is green when the IR remote control is enabled 2. The light is red when the function of the composite keys (SHIFT) are used 3. The light is out when none of the above condition is met
	Tx/Rx: TX/RX indicator flickers green when the network connection is functioning normally.
IR Receiver	Sensor for the remote control.
USB Interface	This port can be used for a USB mouse or USB flash memory devices.

NVR Backpanels



ALI-NVR3004P backpanel



ALI-NVR3008P backpanel

Item	Description
Camera (CH1 - CH4)	Network interface for IP cameras solely dedicated to the NVR. These cameras can only be accessed through the NVR. Each port provides Power over Ethernet (PoE) power to the device connected to it. **NOTE**: Only the Observint line of 3SVision cameras can be attached to these channels.
Monitor Out (HDMI, VGA)	HDMI and VGA connectors for a monitor.
AUDIO IN / OUT	Not functional. Included for future expansion.
ON / OFF switch	Switch for powering the NVR on and off
USB	This port can be used for a portable mobile HDD, flash drive, DVD burner, or mouse. An additional USB port is located on the front panel.
RS-485 terminations	Not functional. Included for future expansion.
Power connector	Connector for standard 3-prong power cable.

Remote Control

The enter key on the remote control or the front panel has the same function as a mouse left click. The IR Range of the remote control is 10 meters. The buttons on the remote control correspond with the buttons on the front panel.

Item	Name	Function
1	POWER	Power on/off the device.
2	DEV	Enables/Disables Remote Control.
3	Alphanumeric Buttons	Switching to the corresponding channel in Live view or PTZ Control mode. Inputting numbers and characters in Edit mode. Switching between different channels in All-day Playback mode.
4	EDIT Button	Editing text fields. When editing text fields, it will also function as a Backspace button to delete the character in front of the cursor. On checkbox fields, pressing the EDIT button will tick the checkbox. In Playback mode, it can be used to generate video clips for backup.
5	A Button	Switching between input methods (upper and lowercase alphabet, symbols and numeric input).
6	REC Button	Entering the Manual Record settings menu. In PTZ control settings, press the REC button and then you can call a PTZ preset by pressing Numeric button.
7	PLAY Button	Playback, for direct access to playback interface.

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Item	Name	Function
8	INFO Button	Reserved.
9	VOIP button	Selecting all items on the list; In live view or playback mode, it can be used to switch between main and spot video output
10	MENU button	Press the button will help you return to the Main menu (after successful login). Press and hold the button for 5 seconds to turn off audible key beep.
11	PREV button	Switch between single screen and multi-screen mode.
12	DIRECTION/ENTER buttons	Navigating between different fields and items in menus. In Playback mode, the UP and DOWN button are used to speed up and slow down recorded video. The LEFT and RIGHT buttons select the next and previous day of recordings. In LIVE view mode, these buttons can be used to cycle through channels.
13	PTZ button	Enter the PTZ Control mode.
14	ESC button	Return to the previous menu. Press for Arming/disarming the device in Live View mode.
15	RESERVED	Reserved for future usage.
16	F1 button	Selecting all items on the list when used in a list field. In PTZ Control mode, it will turn on/off PTZ light.
17	PTZ Control buttons	Buttons to adjust the iris, focus and zoom of a PTZ camera.
18	F2 button	Cycle through tab pages.

Mouse Control

A standard 3-button (left/right/scroll-wheel) USB mouse can also be used with this NVR. To use a USB mouse:

1. Plug USB mouse into the either the front panel or backpanel USB connector of the NVR.
2. The mouse will be automatically detected. If the mouse is not detected, the mouse may not be compatible with the NVR. Please refer to the recommended device list from your provider.

The operation of the mouse:

Action	Effect
Right click	**Live view**: Show menu. Menu: Exit current menu to upper level menu.
Left click	**Single click**: Live view: Select channel and show the quick set menu. **Menu**: Select and enter.
	Double click: Live view: Switch between single-screen and multi-screen.
	Click and drag: PTZ control: pan, tilt and zoom. **Tamper-proof, privacy mask and motion detection**: Select target area. **Digital zoom-in**: Drag and select target area. **Live view**: Drag channel/time bar
Scroll wheel	**Scroll up**: Live view: Previous screen. **Menu**: Previous item.
	Scroll down: Live view: Next screen. **Menu**: Next item.

Soft keyboard

An on-screen QUERTY keyboard appears when you click in a field that accepts a text entry, such as a password or name. The keyboard is shown in the following picture. Some control keys toggle their function when they are clicked.

Soft keyboard

Step 1. Install the NVR and monitor

For the following steps, refer to the back panel photo above for the location of connectors.

1. Place the NVR in a location that is secure, well ventilated and clean. The NVR should be positioned such that the back panel connectors are accessible and the ventilation holes on the sides are not blocked.
2. Install and setup your monitor in accordance with the instructions provided with the monitor. Do not power it on at this time.
3. Cable the HDMI or VGA connector to your monitor's VGA or HDMI input. The HDMI interface provides the best performance.
4. Plug the mouse into the USB connector on the front or back of the NVR.
5. If you plan to access your NVR remotely, or configure your NVR to transmit alerts, email, etc. to external servers, plug a drop cable from your local area network (LAN) into the RJ-45 LAN connector on the back of the NVR. (By default, the NVR automatically acquires network settings using DHCP.)
6. Connect the power cord to the power connector on the back panel of the NVR, and then into a UPS (preferred) or surge protector.

Step 2. Install cameras

Install your security cameras as needed to support your security requirements. Always refer to the documentation provided with the camera for installation instructions.

Step 3. Connecting it together – initial system setup

1. Plug the Ethernet cables from the cameras into the RJ-45 camera channel connectors on the back of the NVR. **NOTE**: Only Alibi or 3S cameras will function through the camera channel connectors.
2. Power on the NVR using the power on / off (I / O) switch on the back panel.
3. Power on the monitor.

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NOTE *Some monitors have multiple inputs such including VGA ,HDMI, BNC, etc. If you are using this kind of monitor, configure your monitor to display the input connected to your NVR (HDMI or VGA).*

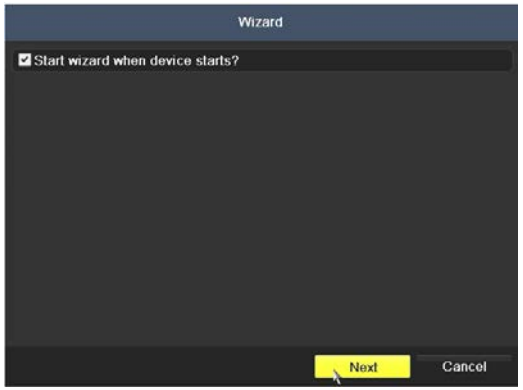
4. Power on your cameras.

1.1.1 Using the Wizard for basic configuration setup

1. Power on your NVR. When the NVR is powered on, an Alibi logo splash screen appears within 2 minutes.

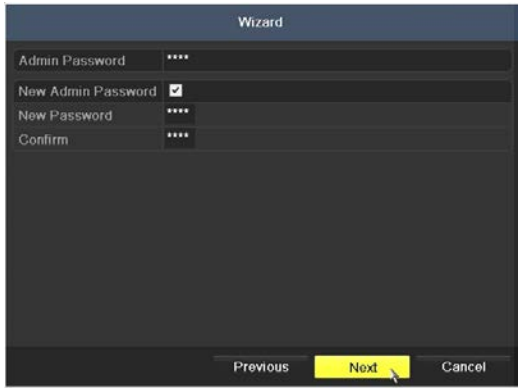
2. After the initial Alibi loading window, the initial setup Wizard screen will appear. The Setup Wizard can assist you in making important configuration settings in NVR. Click **Next** button on the Wizard window to open the **Login** window.

NOTE *The configuration settings presented in the setup Wizard can also be made and changed using the Menu system. See the **ALI-NVR3004P, ALI-NVR3008P Embedded Network Video Recorder User Manual** provided on CD with your system for more information.*

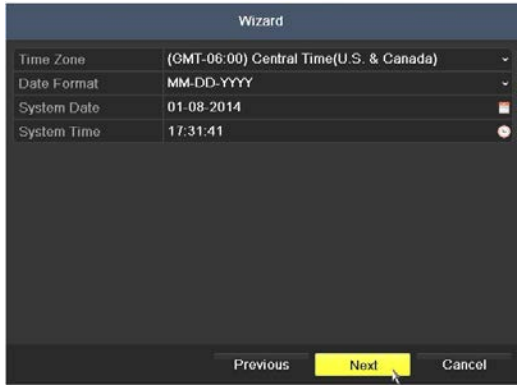


3. Enter the admin password in the appropriate field. To do that, click inside the **Admin Password** field to open the virtual keyboard. Click the appropriate icons to enter the password, then click the **Enter** icon. The default **admin** password is **1111**.

Observint strongly recommends that you change the default admin user password to improve the security of your surveillance system. To change the admin password, check the **New Admin Password** box, then enter the new password in the **New Password** and **Confirm** fields. Record your new password and save it in a secure place for reference later.



4. Click the **Next** button to open the date and time settings window.



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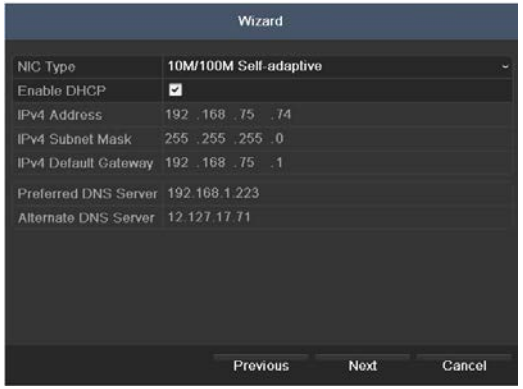
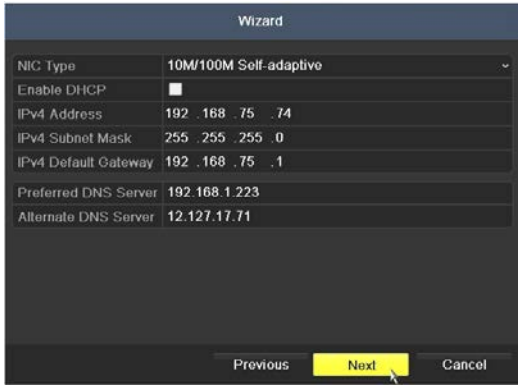
5. In the date and time setup window, click the field you want to change, then use the drop-down list or setup aid to select the appropriate values. Click **Next** to confirm your settings or **Cancel** to discard them and open the network setup Wizard window.

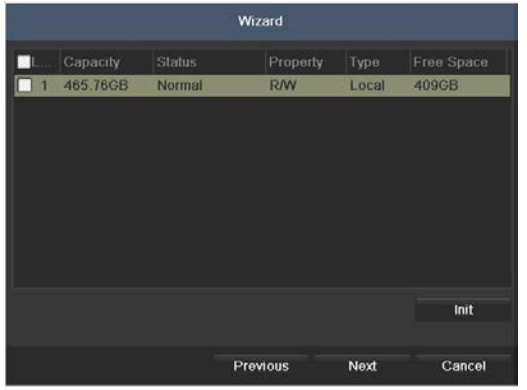
6. In the **Network** setup Wizard window, click the field value you want to change, then use the pop-up aid to enter a new value. By default, the NVR uses DHCP (Dynamic Host Configuration Processor) to acquire compatible (dynamic, changeable) network settings from a network DHCP server.



Generally, it is preferable to setup the NVR with a fixed network settings, if possible, to assure the NVR has an unchanging IP address for remote logins. To enable fixed network settings, uncheck the **Enable DHCP** box, then edit the appropriate fields to change the settings. Consult with your network administrator to determine the best network settings for your NVR. When finished, click **Next**.



7. Click **Next** after you configured the network parameters. The HDD management Wizard window will open. If a new NVR is shipped with a pre-configured HDD, nothing needs to be done in this window. If you installed an HDD or replaced the HDD, select (check the box for) the HDD, then click **Init** to setup the disk for the NVR. **NOTE**: **Init** will erase all data from the disk. When the initialization is complete, click **Next** to continue.



8. Use the camera record mode Wizard as follows:

   a. On the Cameras line at the top of the window, open the drop-down list and select the camera you want to configure for recording.

   b. Click the **Start Recording** box to check it.

   c. Select one of the recording modes: either **Normal** or **Motion Detection** mode.

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d. Repeat "**a**" and "**b**" above for each camera, and/or click **Copy** to copy the recording mode of the selected camera to other cameras in the system. The screen presented below is for a 4-channel NVR.

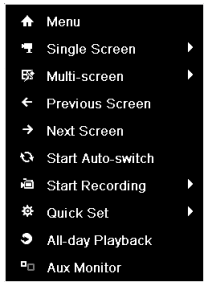
e. Click **OK** when the recording mode for each camera is selected. The Wizard will close and the NVR will present the **Live View** display. For more information about the Live View display, refer to the ***ALI-NVR3004P, ALI-NVR3008P Embedded Network Video Recorder User Manual*** provided on CD with your system.

4-channel Live View display

Step 4. Using the Menu system

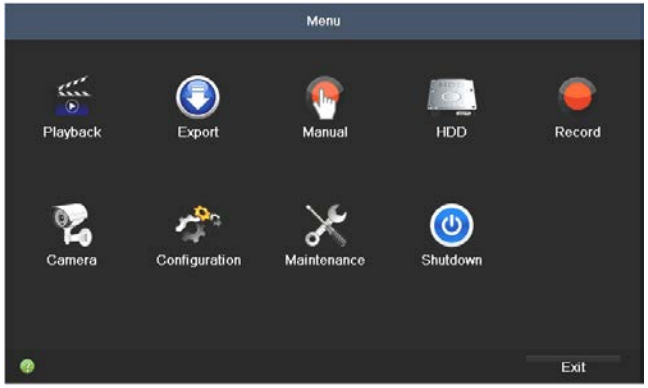
After the initial setup of your NVR using the Wizard, the Menus interface enables you to refine your configuration settings and expand the functionality of the system. To use most menus, the user must log into the NVR system, either locally or remotely, with administrative privileges.

To open the Menu system from the Live View screen, right click anywhere in the screen. An OSD pop-up menu will open.



In the pop-up window, click **Menu**. A login window will open.

In the Login window, select a User Name with administrative privileges, enter its password (the default user "*admin*" has the default password of "*1111*") , then click **OK**. The following window will open.



For additional information about using your system, refer to the ***ALI-NVR3004P, ALI-NVR3008P Embedded Network Video Recorder User Manual*** provided on CD with your system.

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Specifications

Model	ALI-NVR3004P	ALI-NVR3008P
Number of Channels Supported	4	8
Compression Format	H.264	
Recording Performance	20 Mbps max	40 Mbps max
Remote Viewing Output Capacity	60 Mbps max	80 Mbps max
Recording Type	Continuous, Schedule, Motion Detection	
Supported IP Camera Resolution	5MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	
Supported Playback Resolution	5MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	
Synchronous Playback	4-ch, 720P / 2-ch, 1080P / 1-ch, 5MP	8-ch, 4CIF / 4-ch, 720P / 2-ch, 1080P / 1-ch, 5MP
Video Output	VGA, HDMI	
Video Output Formats	1 channel, resolution: 1920 × 1080P / 60 Hz, 1600 × 1200 / 60 Hz, 1280×1024 / 60 Hz,	
Export Formats	.MP4	
Ethernet	1x Gigabit RJ-45 self-adaptive Ethernet interface, 4 independent 10 /100 Mbps PoE Ethernet interfaces	1x Gigabit RJ-45 self-adaptive Ethernet interface, 8 independent 10 /100 Mbps PoE Ethernet interfaces
USB	2x USB 2.0	
Hard Disk Drive (HDD) Interface	2x SATA	
HDD Capacity	2x HDDs max., up to 4TB capacity per HDD	
Operating System	Embedded Linux	
Security	Password Protection	
Protocols	IPv4, TCP/IP, UDP, HTTP, UPnP, RTSP / RTP / RTCP, SMTP, FTP, DHCP, NTP, DNS, ONVIF, HTTP multipart	
Power Requirements	110 ~ 240 Vac	
Power Consumption	3A	
Weight	5.5 lbs. (without HDD)	
Dimensions (h × w × d)	1.77" × 17.52" × 11.42"	
Operating Temperature	14 °F ~ 131 °F (-10 °C ~ +55 °C)	
Color / Material	Black, Gray	
Material	Aluminum	
Approvals	CE, FCC, RoHS	
Remote Client System Requirements		
Operating System	Microsoft Windows 2000, 2003, XP, Vista, 7, 8 (32-bit and 64-bit version) / Linux 2.6+ / Apple MacOS X 10.5 (Intel x86 only), 10.6 and 10.7	
Web Browser	Microsoft Internet Explorer 8.0, 9.0, and 10 (32-bit version), Mozilla Firefox 3.6, 13 and higher	
Software Requirements	WebComponent plug-in installation	
Mobile Client OS Platform	iOS, Android (Alibi Witness)	

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